

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E80431

**Participation :** CTR

**Employer :** GE

**Status :** Affected

**Worksite :** GE Grid Solutions

**Survey Type :** Online

**Street :** 10865 Willows Rd Ne Bldg E

**Response Rate :** 57%

**Jurisdiction :** City of Redmond

**Survey Date :** 5/17/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 43.8%

**Drive Alone Rate :** 56.2%

**One-Way VMT per employee :** 9.4

**Average One-Way distance home to work :** 14.9

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 320

**Surveys Distributed :** 320

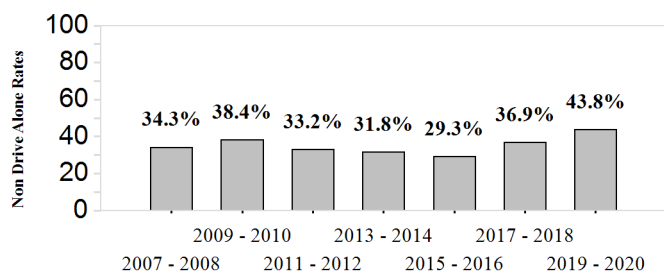
**Surveys Returned :** 181

**Surveys Returned by CTR Affected\* Employees :** 162

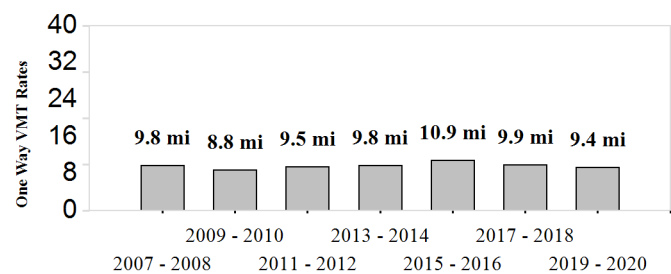
**Total Estimated CTR Affected Employees at Worksite :** 286

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO2e Pounds CO2e

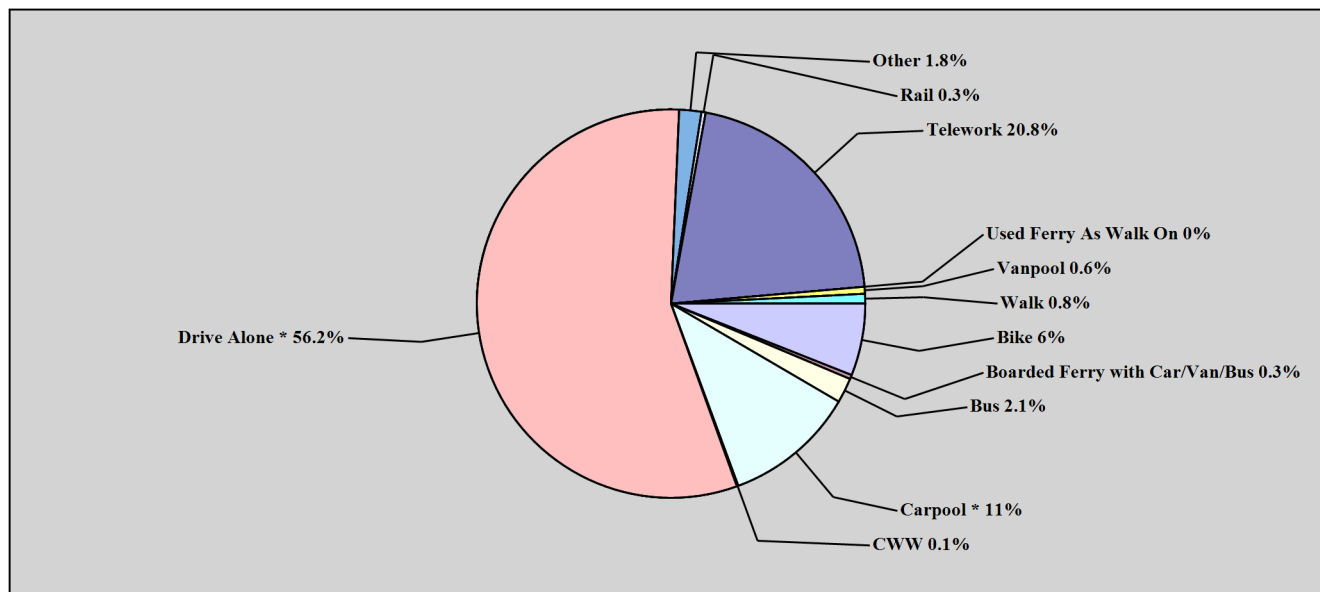
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	34.3%	36.5%	448	617	17.0	9.8	9.9
2009 - 2010	38.4%	38.5%	402	611	16.8	8.8	8.6
2011 - 2012	33.2%	34.1%	351	700	19.3	9.5	9.3
2013 - 2014	31.8%	31.8%	656	926	25.5	9.8	10.0
2015 - 2016	29.3%	30.2%	605	1031	28.4	10.9	11.3
2017 - 2018	36.9%	37.2%	336	625	17.2	9.9	10.3
Target	40.3%				Target:	8.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	9.5				% Change from Baseline:	-4.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



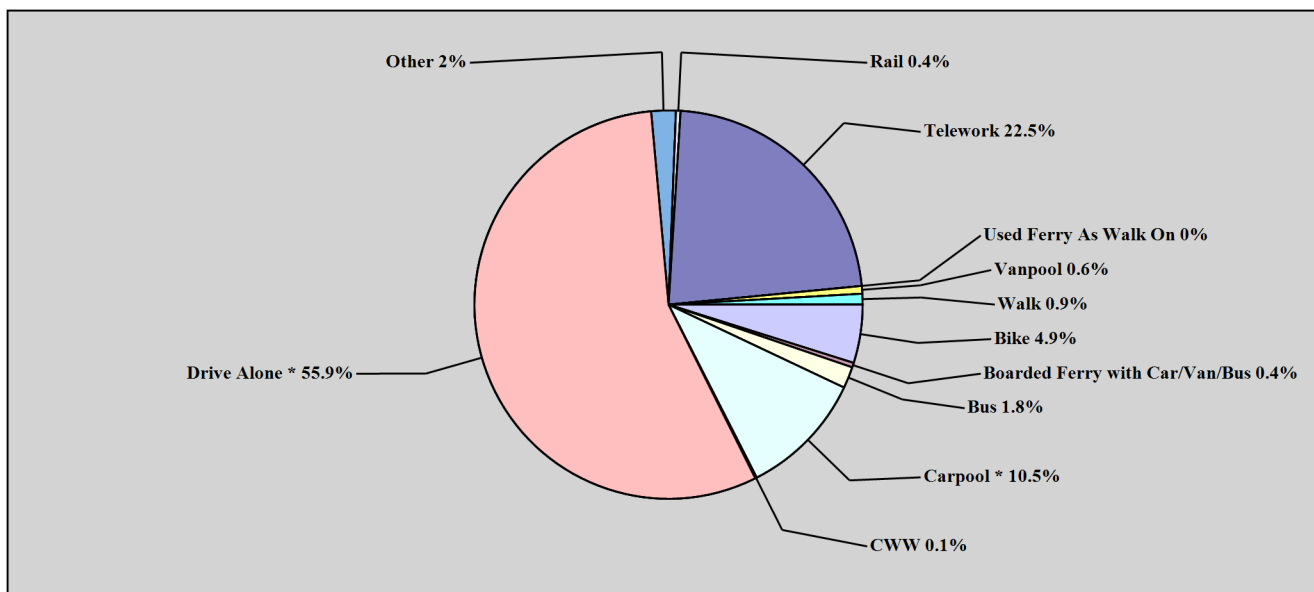
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	487	56.2%	63.1%	137	75.7%	79.8%
Carpool *	95	11.0%	11.5%	30	16.6%	19.1%
Vanpool	5	0.6%	0.8%	2	1.1%	1.1%
Bus	18	2.1%	4.6%	7	3.9%	7.7%
Rail	3	0.3%	0.5%	1	0.6%	0.5%
Bike	52	6.0%	5.5%	19	10.5%	9.8%
Walk	7	0.8%	0.2%	3	1.7%	0.5%
Telework	180	20.8%	12.6%	87	48.1%	40.4%
CWW	1	0.1%	0.0%	1	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.3%	0.5%	1	0.6%	1.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	16	1.8%	0.7%	4	2.2%	1.1%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	438	55.9%	62.8%	125	77.2%	77.7%
Carpool *	82	10.5%	11.2%	27	16.7%	18.1%
Vanpool	5	0.6%	0.9%	2	1.2%	1.2%
Bus	14	1.8%	4.9%	6	3.7%	7.8%
Rail	3	0.4%	0.5%	1	0.6%	0.6%
Bike	38	4.9%	5.0%	16	9.9%	9.0%
Walk	7	0.9%	0.0%	3	1.9%	0.0%
Telework	176	22.5%	13.4%	83	51.2%	42.2%
CWW	1	0.1%	0.0%	1	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.4%	0.5%	1	0.6%	1.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	16	2.0%	0.8%	4	2.5%	1.2%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	51	28%	181	100%
<b>1 Days</b>	38	21%	130	72%
<b>2 Days</b>	26	14%	92	51%
<b>3 Days</b>	17	9%	66	36%
<b>4 Days</b>	12	7%	49	27%
<b>5 Days</b>	33	18%	37	20%
<b>6 or More Days</b>	4	2%	4	2%

**Count by Occupancy of Carpools and Vanpools**

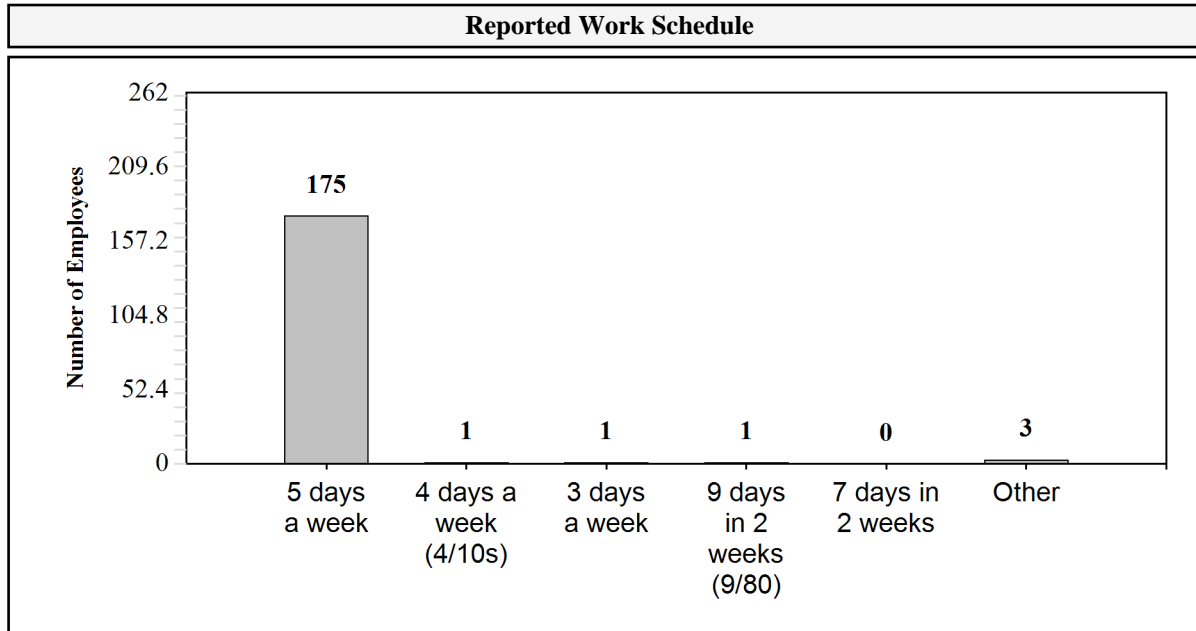
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	85
<b>3</b>	Carpool	10
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	2
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	3
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

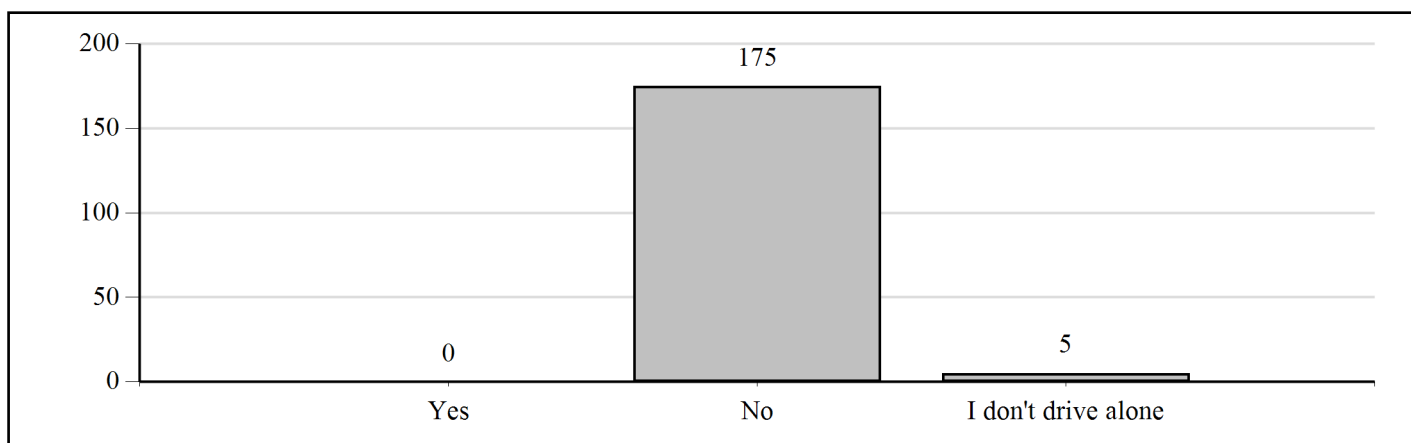
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	175	96.7%
4 days a week (4/10s)	1	0.6%
3 days a week	1	0.6%
9 days in 2 weeks (9/80)	1	0.6%
7 days in 2 weeks	0	0%
Other	3	1.7%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.6%
I don't telework	22	12.2%
Occasionally, on an as-needed basis	56	30.9%
1-2 days/month	12	6.6%
1 day/week	51	28.2%
2 days/week	21	11.6%
3 days/week	18	9.9%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	95	22.7%
Financial incentives for carpooling, bicycling or walking.	78	18.6%
Environmental and community benefits	71	16.9%
Personal health or well-being	59	14.1%
To save money	34	8.1%
To save time using the HOV lane	24	5.7%
Free or subsidized bus, train, vanpool pass or fare benefit	22	5.3%
Other	17	4.1%
Driving myself is not an option	11	2.6%
Cost of parking or lack of parking	3	0.7%
Preferred/reserved carpool/vanpool parking is provided	3	0.7%
Emergency ride home is provided	1	0.2%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	132	31.0%
I like the convenience of having my car	112	26.3%
Family care or similar obligations	62	14.6%
Bicycling or walking isn't safe	45	10.6%
Other	29	6.8%
My commute distance is too short	26	6.1%
I need more information on alternative modes	13	3.1%
My job requires me to use my car for work	6	1.4%
There isn't any secure or covered bicycle parking	1	0.2%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	25	13.81%	67	18	0	0	1	0	6	5	9	0	0	0	10
98034	12	6.63%	19	13	0	0	0	0	10	0	5	0	0	0	0
98011	8	4.42%	21	9	0	0	0	0	4	0	4	0	0	0	0
98007	7	3.87%	26	0	0	0	6	0	1	0	2	0	0	0	0
98004	6	3.31%	17	0	0	0	3	0	0	0	11	0	0	0	0
98012	6	3.31%	15	1	0	0	0	0	0	0	7	0	0	0	0
98072	6	3.31%	15	0	0	0	1	0	14	0	0	0	0	0	0
98006	5	2.76%	9	7	0	0	3	0	0	0	6	0	0	0	0
98021	5	2.76%	19	3	0	0	0	0	3	0	2	0	0	0	0
98027	5	2.76%	20	0	0	0	0	0	0	0	5	0	0	0	0
98103	5	2.76%	24	0	0	0	0	0	0	0	2	0	0	0	0
98029	4	2.21%	14	0	0	0	0	0	0	0	4	0	0	0	0
98065	4	2.21%	8	0	0	0	0	0	0	0	12	0	0	0	0
98074	4	2.21%	12	0	0	4	0	0	0	0	2	1	0	0	0
98008	3	1.66%	9	1	0	0	0	0	3	1	1	0	0	0	0
98019	3	1.66%	11	1	0	0	0	0	0	0	3	0	0	0	0
98042	3	1.66%	1	6	0	0	0	0	0	0	8	0	0	0	0
98053	3	1.66%	11	4	0	0	0	0	0	0	0	0	0	0	0
98059	3	1.66%	8	0	0	0	0	0	0	0	7	0	0	0	0
98075	3	1.66%	13	0	0	0	0	0	0	0	2	0	0	0	1
98115	3	1.66%	5	0	0	4	0	0	3	0	3	0	0	0	0
98122	3	1.66%	5	5	0	4	0	0	0	0	1	0	0	0	0
98023	2	1.10%	0	0	5	0	0	0	0	0	2	0	0	0	0
98028	2	1.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
98033	2	1.10%	3	0	0	0	0	0	4	0	4	0	0	0	0
98038	2	1.10%	5	0	0	0	0	0	0	0	5	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98040	2	1.10%	6	0	0	0	0	0	0	0	4	0	0	0	0
98077	2	1.10%	5	0	0	0	0	0	4	0	0	0	0	0	0
98109	2	1.10%	5	5	0	0	0	0	0	0	0	0	0	0	0
98136	2	1.10%	6	0	0	0	0	0	0	0	6	0	0	0	0
98258	2	1.10%	2	0	0	4	0	0	0	0	4	0	0	0	0
98272	2	1.10%	6	0	0	0	0	0	0	0	3	0	0	0	0
98290	2	1.10%	8	0	0	0	0	0	0	0	2	0	0	0	0
15143	1	0.55%	0	0	0	0	0	0	0	0	0	0	0	0	5
95762	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
98002	1	0.55%	0	4	0	0	0	0	0	0	1	0	0	0	0
98005	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98022	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
98024	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98031	1	0.55%	3	0	0	0	0	0	0	0	2	0	0	0	0
98032	1	0.55%	3	2	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.55%	1	4	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.55%	0	3	0	0	0	0	0	0	2	0	0	0	0
98045	1	0.55%	3	2	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98067	1	0.55%	0	0	0	0	0	0	0	0	2	0	3	0	0
98087	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.55%	3	0	0	0	0	0	0	0	2	0	0	0	0
98102	1	0.55%	2	0	0	2	0	0	0	0	1	0	0	0	0
98110	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
98112	1	0.55%	0	0	0	0	4	0	0	0	1	0	0	0	0
98117	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98118	1	0.55%	0	5	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.55%	2	0	0	0	0	0	0	0	3	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98125	1	0.55%	0	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.55%	3	0	0	0	0	0	0	0	2	0	0	0	0
98223	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
98270	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98292	1	0.55%	2	2	0	0	0	0	0	1	1	0	0	0	0
98312	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
98371	1	0.55%	0	0	0	0	0	3	0	0	2	0	0	0	0
98374	1	0.55%	1	0	0	0	0	0	0	0	4	0	0	0	0
98406	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0